

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5100	resist\$4 with control\$4 with area	US-PGPUB; USPAT	OR	ON	2006/03/31 19:23
L2	75	resist\$4 with control\$4 with area with (cool\$3 chill\$3)	US-PGPUB; USPAT	OR	ON	2006/03/31 19:35
L3	1	"09772923"	US-PGPUB; USPAT	OR	ON	2006/03/31 19:32
L4	26	resist\$4 with control\$4 with area with (cool\$3 chill\$3)	EPO; JPO; DERWENT	OR	ON	2006/03/31 19:35
S7	1	10/649,780	US-PGPUB; USPAT	OR	ON	2006/03/31 19:22
S8	131	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414-935-941.ccls.) and (resist and heat\$3 and cool\$3)	US-PGPUB; USPAT	OR	ON	2005/08/22 09:17
S9	22	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414-935-941.ccls.) and (reaction with inhibit\$3)	US-PGPUB; USPAT	OR	ON	2005/02/18 16:35
S10	6	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414-935-941.ccls.) and (resist with resolution)	US-PGPUB; USPAT	OR	ON	2005/02/18 16:35
S11	217	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/935-941.ccls.) and (resist and heat\$3 and cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/18 16:35
S12	23	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/935-941.ccls.) and (reaction with inhibit\$3)	US-PGPUB; USPAT	OR	ON	2005/02/18 16:35
S13	7	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/935-941.ccls.) and (resist with resolution)	US-PGPUB; USPAT	OR	ON	2005/02/18 16:35
S14	5	("6097469").URPN.	USPAT	OR	ON	2005/02/18 16:41
S15	1	("6632281").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/18 16:41
S16	6	("5725664"   "5785741"   "5876280"   "5952149"   "6054181"   "6467976").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/18 16:43
S17	23	("5725664").URPN.	USPAT	OR	ON	2005/02/18 16:49
S18	3	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414-935-941.ccls.) and (resist same (inhibit\$3 prevent\$3) same cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/18 17:12
S19	892	(resist same (inhibit\$3 prevent\$3) same cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/18 17:12
S20	114	(resist same (inhibit\$3 prevent\$3) same cool\$3 same transfer\$4)	US-PGPUB; USPAT	OR	ON	2005/02/18 17:49
S21	9	("5970717").URPN.	USPAT	OR	ON	2005/02/18 17:31
S22	75	(resist same (inhibit\$3 prevent\$3) same transfer\$4) and "118"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/02/18 17:50
S23	61	S22 not S20	US-PGPUB; USPAT	OR	ON	2005/02/18 17:50
S24	2	"09076685"	EPO; JPO; DERWENT	OR	ON	2005/02/18 18:32
S25	157	tateyama-kiyohisa.in.	EPO; JPO; DERWENT	OR	ON	2005/02/18 18:31
S26	0	"9076685"	EPO; JPO; DERWENT	OR	ON	2005/02/18 18:32
S27	1	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414-935-941.ccls.) and (dehumidif\$7)	US-PGPUB; USPAT	OR	ON	2005/02/21 14:11
S28	3	(118/719.ccls. 156/345.31.ccls. 156/345.32.ccls. 414/935-941.ccls.) and (dehumidif\$7)	US-PGPUB; USPAT	OR	ON	2005/02/21 14:13
S29	13	(substrate wafer semiconductor workpiece) and (resist same dehumidif\$7)	US-PGPUB; USPAT	OR	ON	2005/02/21 14:37

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S30	121	(substrate wafer semiconductor workpiece) and ("resolution reaction")	US-PGPUB; USPAT	OR	ON	2005/02/21 14:45
S31	4	resist same ("resolution reaction")	US-PGPUB; USPAT	OR	ON	2005/02/21 14:46
S32	2	resist same ("resolution reaction")	EPO; JPO; DERWENT	OR	ON	2005/02/21 14:50
S33	1657482	transfer\$4 convey\$4 transport\$4 mov\$4 with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction	EPO; JPO; DERWENT	OR	ON	2005/02/21 14:51
S34	85	(transfer\$4 convey\$4 transport\$4 mov\$4) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction	EPO; JPO; DERWENT	OR	ON	2005/02/21 14:52
S35	9	(transfer\$4 convey\$4 transport\$4 mov\$4) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 17:45
S36	39	(transfer\$4 convey\$4 transport\$4 mov\$4) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2005/02/21 15:19
S37	6	(resist) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2005/02/21 15:29
S38	5	("5254170"   "5609689"   "6143083"   "6224274"   "6235634").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 15:25
S39	3	(resist) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:30
S40	0	(acid with amplif\$7) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:30
S41	0	(acid with amplif\$7) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:31
S42	2	(acid with amplif\$7) with (cool\$3) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4)	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:31
S43	882	(acid with amplif\$7) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4)	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:31
S44	84	(acid with amplif\$7) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with resist	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:33
S45	276	(acid with amplif\$7) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with resist	US-PGPUB; USPAT	OR	ON	2005/02/21 15:32
S46	2	(acid with amplif\$7) with (hault\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with resist with cool\$3	US-PGPUB; USPAT	OR	ON	2005/02/21 15:33
S47	0	(acid with amplif\$7) with (cool\$3) with resist	EPO; JPO; DERWENT	OR	ON	2005/02/21 15:34
S48	3	(acid with amplif\$7) with (cool\$3) with resist	US-PGPUB; USPAT	OR	ON	2005/02/21 15:34
S49	16	(acid with amplif\$7) same (cool\$3) same resist	US-PGPUB; USPAT	OR	ON	2005/02/21 15:44
S50	96	(resolv\$3 resolution solubilization) same (cool\$3) same resist	US-PGPUB; USPAT	OR	ON	2005/02/21 15:45
S51	18	("5151871").URPN.	USPAT	OR	ON	2005/02/21 16:26
S52	1	("6414276").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/21 16:26
S53	11	("4518848"   "5452177"   "5538758"   "5595241"   "5730803"   "5775416"   "5811762"   "6072163"   "6080969"   "6091060"   "6270580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 16:26

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S54	248	(transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 17:45
S55	738	(transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4) with reaction with (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2005/02/21 17:46
S56	808	(transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction with (substrate wafer semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2005/02/21 17:47
S57	283	(transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction with (substrate wafer semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/21 17:47
S58	5	((transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction with (substrate wafer semiconductor workpiece)) same resist	EPO; JPO; DERWENT	OR	ON	2005/02/21 19:01
S59	16	((transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction with (substrate wafer semiconductor workpiece)) same resist	US-PGPUB; USPAT	OR	ON	2005/02/21 17:55
S60	120	((transfer\$4 convey\$4 transport\$4 mov\$4) with (halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction with (substrate wafer semiconductor workpiece)) and resist	US-PGPUB; USPAT	OR	ON	2005/02/21 17:56
S61	104	S60 not S59	US-PGPUB; USPAT	OR	ON	2005/02/21 17:56
S62	5	("4717645"   "4924800"   "4985722"   "5339128"   "5401316").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/02/21 18:46
S63	4	("6022672").URPN.	USPAT	OR	ON	2005/02/21 18:49
S64	1	118/69.ccls. and (((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with reaction) same resist)	US-PGPUB; USPAT	OR	ON	2005/02/21 19:03
S65	133	118/69.ccls. and (((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3) )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:03
S66	3	118/69.ccls. and (((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 with resist) )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:04
S67	133	118/69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:05
S68	0	118/69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 with reaction )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:05
S69	5	118/58-69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 with reaction )	US-PGPUB; USPAT	OR	ON	2005/02/22 13:29
S70	325	118/58-69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:08
S71	45	118/58-69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 ) and resist	US-PGPUB; USPAT	OR	ON	2005/02/21 19:35
S72	325	118/58-69.ccls. and ((halt\$3 end\$3 limit\$3 inhibit\$3 prevent\$3 deter\$4 stop\$3 restrict\$3) with cool\$3 )	US-PGPUB; USPAT	OR	ON	2005/02/21 19:36
S73	1	("6022672").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 09:38

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S74	54	(US-20010013161-\$ or US-20010014372-\$ or US-20020009813-\$ or US-20020034595-\$ or US-20020037462-\$ or US-20020187423-\$ or US-20030035087-\$ or US-20030114010-\$ or US-20040050321-\$ or US-20040229441-\$).did. or (US-4855000-\$ or US-4913090-\$ or US-4985722-\$ or US-5151871-\$ or US-5297910-\$ or US-5339128-\$ or US-5547328-\$ or US-5565034-\$ or US-5639301-\$ or US-5686224-\$ or US-5725664-\$ or US-5942013-\$ or US-5970717-\$ or US-5972110-\$ or US-6022672-\$ or US-6077350-\$ or US-6097469-\$ or US-6099643-\$ or US-6183358-\$ or US-6215545-\$ or US-6224274-\$ or US-6261365-\$ or US-6292250-\$ or US-6319322-\$ or US-6341903-\$ or US-6364762-\$).did. or (US-6372042-\$ or US-6414276-\$ or US-6444029-\$ or US-6464789-\$ or US-6485203-\$ or US-6499777-\$ or US-6558053-\$ or US-6572457-\$ or US-6573031-\$ or US-6632281-\$ or US-6676757-\$ or US-6717113-\$).did. or (JP-04021773-\$ or JP-10256344-\$ or JP-10256345-\$ or JP-11031732-\$ or JP-2001308005-\$).did. or (US-20040050321-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/02/22 09:39
S75	26	S74 and align\$3	US-PGPUB; USPAT	OR	ON	2005/02/22 11:59
S76	18	S74 and (align\$3 same expos\$4)	US-PGPUB; USPAT	OR	ON	2005/02/22 09:39
S77	6	S74 and dehumid\$7	US-PGPUB; USPAT	OR	ON	2005/02/22 11:16
S78	0	(118/719.ccls. 156/345.31.ccls. "156"/.45.32.ccls.) and (dehumid\$7 with (transfer\$4 transport\$4 convey\$4))	US-PGPUB; USPAT	OR	ON	2005/02/22 11:16
S79	0	(118/719.ccls. 156/345.31.ccls. "156"/345.32.ccls.) and (dehumid\$7 with (transfer\$4 transport\$4 convey\$4))	US-PGPUB; USPAT	OR	ON	2005/02/22 11:17
S80	20	dehumid\$7 with (transfer\$4 transport\$4 convey\$4) with (wafer substrate semiconductor workpiece)	US-PGPUB; USPAT	OR	ON	2005/02/22 11:17
S81	17	dehumid\$7 with (transfer\$4 transport\$4 convey\$4) with (wafer substrate semiconductor workpiece)	EPO; JPO; DERWENT	OR	ON	2005/02/22 11:28
S82	1	("5932380").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 11:55
S83	2377	aligner with expos\$3	EPO; JPO; DERWENT	OR	ON	2005/02/22 11:56
S84	17	S74 and (interface with cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/22 12:02
S85	8773	(interface with cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/22 12:02
S86	69	("interface section" with cooling)	US-PGPUB; USPAT	OR	ON	2005/02/22 12:02
S87	94	("interface section" with cool\$3)	US-PGPUB; USPAT	OR	ON	2005/02/22 13:08
S88	48	(118/715-733.ccls. 156/345.\$ccls.) and (cool\$3 with gas with regulat\$3 with (moisture temperature humidity))	US-PGPUB; USPAT	OR	ON	2005/02/22 13:37
S89	1	118/58-69.ccls. and (cool\$3 with gas with regulat\$3 with (moisture temperature humidity))	US-PGPUB; USPAT	OR	ON	2005/02/22 13:30
S90	200	kitano-junichi.in. matsuyama-yuji.in. kitano-takahiro.in. matsui-hidefumi.in. suzuki-yo.in. yamashita-masami.in. aoyama-toru.in. iwaki-hiroyuki.in. shimura-satoru.in. deguchi-msatoshi.in. yoshihara-kousuke.in. iida-naruaki.in.	US-PGPUB; USPAT	OR	ON	2005/02/22 14:51
S91	57	S90 and (humid\$7 dehumid\$7 moisture)	US-PGPUB; USPAT	OR	ON	2005/08/22 09:17
S92	17	S90 and (humid\$7 dehumid\$7 moisture).clm.	US-PGPUB; USPAT	OR	ON	2005/02/22 15:06

## EAST Search History

S93	1	("6632281").PN.	US-PGPUB; USPAT	OR	OFF	2005/02/22 15:06
S94	139	(interface with (section station chamber) with (cool\$3 chill\$3) with (plate platen support susceptor holder))	US-PGPUB; USPAT	OR	ON	2005/08/17 20:36
S95	35	(interface with (section station chamber) with (cool\$3 chill\$3) with (plate platen support susceptor holder)) and resist	US-PGPUB; USPAT	OR	ON	2005/08/17 15:50
S96	1	(interface with (section station chamber) with (cool\$3 chill\$3) with (plate platen support susceptor holder)) and resist	EPO; JPO; DERWENT	OR	ON	2005/08/17 15:51
S97	2	(interface with (section station chamber) with (cool\$3 chill\$3 rest\$3 wait\$3 heat\$3 inhibit\$3 reduc\$3 retard\$5 prevent\$3 prevent\$3) with (plate platen support susceptor holder)) and resist	EPO; JPO; DERWENT	OR	ON	2005/08/17 15:52
S98	10	(interface with (section station chamber) with (cool\$3 chill\$3 rest\$3 wait\$3 heat\$3 inhibit\$3 reduc\$3 retard\$5 prevent\$3 prevent\$3) with (plate platen support susceptor holder)) and (coat\$3 deposit\$3)	EPO; JPO; DERWENT	OR	ON	2005/08/17 15:55
S99	4	(interface with (section station chamber unit) with (cool\$3 chill\$3 rest\$3 wait\$3 heat\$3 inhibit\$3 reduc\$3 retard\$5 prevent\$3 prevent\$3)) and ((coat\$3 deposit\$3) with resist)	EPO; JPO; DERWENT	OR	ON	2005/08/17 16:00
S100	371	(interface with (section station chamber unit) with (cool\$3 chill\$3 rest\$3 wait\$3 heat\$3 inhibit\$3 reduc\$3 retard\$5 prevent\$3 prevent\$3)) and ((coat\$3 deposit\$3) with resist)	US-PGPUB; USPAT	OR	ON	2005/08/17 16:01
S101	19	(interface with (section station chamber unit) with (cool\$3 chill\$3 rest\$3 wait\$3 heat\$3) with (inhibit\$3 reduc\$3 retard\$5 prevent\$3 prevent\$3)) and ((coat\$3 deposit\$3) with resist)	US-PGPUB; USPAT	OR	ON	2005/08/17 16:09
S102	5	(interface with (section station chamber unit) with (cool\$3 chill\$3) with (inhibit\$3 retard\$5 prevent\$3 prevent\$3) with reaction)	US-PGPUB; USPAT	OR	ON	2005/08/17 16:11
S103	0	(interface with (section station chamber unit) with (cool\$3 chill\$3) with (inhibit\$3 retard\$5 prevent\$3 prevent\$3) with reaction)	EPO; JPO; DERWENT	OR	ON	2005/08/17 16:10
S104	303	((section station chamber unit) with (cool\$3 chill\$3) with (inhibit\$3 retard\$5 prevent\$3 prevent\$3) with reaction)	US-PGPUB; USPAT	OR	ON	2005/08/17 16:12
S105	19	((section station chamber unit) with ((cool\$3 chill\$3) with plate) with (inhibit\$3 retard\$5 prevent\$3 prevent\$3) with reaction)	US-PGPUB; USPAT	OR	ON	2005/08/17 16:14
S106	19	((section station chamber unit) with ((cool\$3 chill\$3) with (inhibit\$3 retard\$5 prevent\$3 prevent\$3) with reaction) and resist	US-PGPUB; USPAT	OR	ON	2005/08/17 16:15
S107	116	"430"/\$.ccls. and (interface with (cool\$3 chill\$3))	US-PGPUB; USPAT	OR	ON	2005/08/17 20:21
S108	1	("6814809").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/17 20:21
S109	4	("20020025375"   "5939130"   "6126703"   "6147329").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 20:31
S110	0	("6814809").URPN.	USPAT	OR	ON	2005/08/17 20:30
S111	3	("5570994"   "5664154"   "6056998").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/17 20:57
S112	230	kitano-junichi.in. matsuyama-yuji.in. kitano-takahiro.in. matsui-hidefumi.in. suzuki-yo.in. yamashita-masami.in. aoyama-toru.in. iwaki-hiroyuki.in. shimura-satoru.in. deguchi-msatoshi.in. yoshihara-kousuke.in. iida-naruaki.in.	US-PGPUB; USPAT	OR	ON	2005/08/22 09:17
S113	68	S112 and (humid\$7 dehumid\$7 moisture)	US-PGPUB; USPAT	OR	ON	2005/08/22 09:17

## EAST Search History

S11 4	147	(118/719.cds. 156/345.31.cds. 156/345.32.cds. 414-935-941.cds.) and (resist and heat\$3 and cool\$3)	US-PGPUB; USPAT	OR	ON	2005/08/22 09:17
S11 5	1	10/649,780	US-PGPUB; USPAT	OR	ON	2005/12/15 10:32